

# WELL LOCATION CERTIFICATE: SEKICH 23-17

SECTION 17, TOWNSHIP 3 NORTH, RANGE 67 WEST, 6TH P.M.

NW SEC. 17  
2 1/2" ALUM. CAP  
LS 23501

S 89°51'46" E 2583.51'

N 89°53'44" E 2584.50'

NE SEC. 17  
2 1/2" ALUM. CAP  
LS 23405

N 1/4 SEC. 17  
2 1/2" ALUM. CAP  
LS 19585

SURFACE LOCATION  
GROUND ELEVATION= 4865'  
NAD83  
LATITUDE= 40.219312°  
LONGITUDE= 104.912824°

LATITUDE= 40°13'09.523"  
LONGITUDE= 104°54'46.166"

BOTTOM HOLE LOCATION  
NAD83  
LATITUDE= 40.221988°  
LONGITUDE= 104.913464°

LATITUDE= 40°13'19.158"  
LONGITUDE= 104°54'48.472"

PDOP= 2.31  
GPS OPERATOR: BEN MILIUS

## NOTES:

THIS IS A DIRECTIONAL WELL  
BH LOCATION TO BE 1220' FSL & 2460' FEL  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-IRRIGATED CROP  
TWINNING PROPOSED WELL SEKICH 19-17  
TO BE 10' NW  
PROPOSED WELL SEKICH 19-17 TO BE  
251' FSL & 2284' FEL  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

(BASIS OF BEARINGS) SEE NOTE 3  
N 00°16'05" W 5299.27'

17

E 1/4 SEC. 17  
1 1/2" ALUM. CAP  
ILLEGIBLE

S 00°07'05" E 2614.67'

BH- 1220' FSL  
2460' FEL

SEKICH 19-17

SEKICH 23-17

S 1/4 SEC. 17  
3/4" ALUM. CAP  
LS 13155

SW SEC. 17  
FOUND  
#6 REBAR

S 89°30'26" W 2598.09'

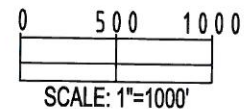
S 89°30'43" W 2597.95'

SE SEC. 17  
FOUND  
STONE

WELL **SEKICH 23-17** TO BE LOCATED 245' FSL AND 2277' FEL, SECTION 17, T3N, R67W OF THE 6th P.M.

## LEGEND

⊕ = EXISTING MONUMENT    ♦ = BOTTOM HOLE    BH = BOTTOM HOLE  
● = PROPOSED WELL    ◆ = EXISTING WELL



## NOTES:

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.  
VERTICAL = NAVD88; HORIZONTAL = NAD83/92
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

I, JERRY F. HARCEK JR., A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL **SEKICH 23-17**. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

JERRY F. HARCEK JR., PLS 34997  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 10-20-10	WELL NAME: SEKICH 23-17
	DRAWING DATE: 11-23-10	SURFACE LOCATION: WELD COUNTY, COLORADO
	BY: SMF	SW 1/4 SE 1/4, SEC. 17, T3N, R67W

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.